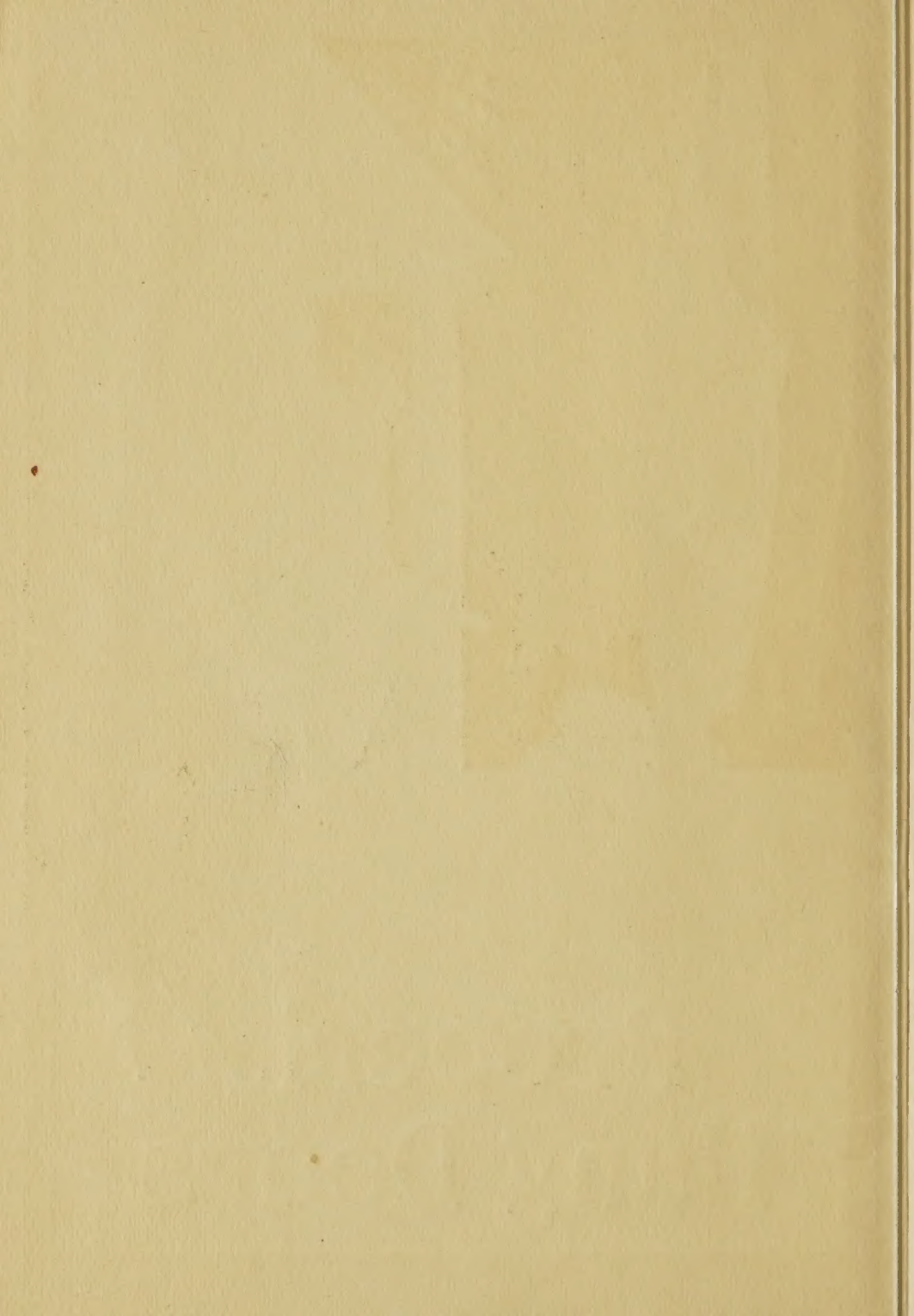




# Properly Hung Doors





# PROPERLY HUNG DOORS

Information  
for the  
**Building Owner,**  
**Contractor,**  
and  
**Architect.**



The Stanley Works Office.

The Guaranty



of Quality

## THE STANLEY WORKS

NEW YORK

NEW BRITAIN, CONN.

CHICAGO

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Manufacturers of Butts, Hinges, Door Bolts, Shelf Brackets,  
Blind Trimmings and Wrought Hardware.



**The Stanley Works Factories at New Britain, Conn.**

A poorly hung door which creaks and binds is a source of continual annoyance and dissatisfaction. The cause is usually to be found in the hinges, which either are not of the proper size, or are of inferior quality, poorly manufactured of cheap materials.

Given hinges of good quality and handsome finish, with screws of the proper size, the average carpenter can hang a well constructed door, so that it will swing easily without friction or noise. Three butt hinges, known in the trade simply as "butts" should ordinarily be used for each door to prevent warping. Instead, therefore, of using two large sized butts, it is better practice to use three of a smaller size.

The ideal material for Door Butts is Cold Rolled Wrought Steel. Bronze Butts while somewhat more expensive will never rust, and can be used to advantage on outside doors. Very few Butts and Hinges are now made of Cast Iron, as it is liable to break, and will not take the handsome finishes of Wrought Steel Hardware.

The Stanley Works was the first manufacturing concern to use Cold Rolled Steel for Butts, and Hinges. For over fifty years it has continued to develop the possibilities of Wrought Steel Hardware. One of the largest cold rolling mills in the United States is operated at the New Britain Plant, producing all of the steel used in the manufacture of the famous Stanley Butts. The Steel is care-



fully tested in completely equipped laboratories, and every care is used to maintain the high standard of the Stanley Product.

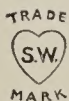
The manufacturing processes through which the metal passes have been brought by constant improvement of both methods and machinery to a high state of perfection. Trained experts supervise every portion of the work, modern systems prevail in all departments, and in addition every Stanley Butt is frequently inspected. After the goods are finished and ready for packing, a rigid final inspection is made, to prevent imperfect goods being placed on the market.

The process of cold rolling gives the steel a bright smooth surface commonly known as "Bright Steel". Plated Butts in this finish are called "Planished Goods", to distinguish them from their more aristocratic brothers the "Polished" Butts, which are given an extra finish and are the finest examples of Wrought Hardware to be found. The Butts are heavily plated in many handsome effects of bronze, brass, antique copper, nickel, silver, etc. It is possible to produce any desired finish to match the other door hardware.

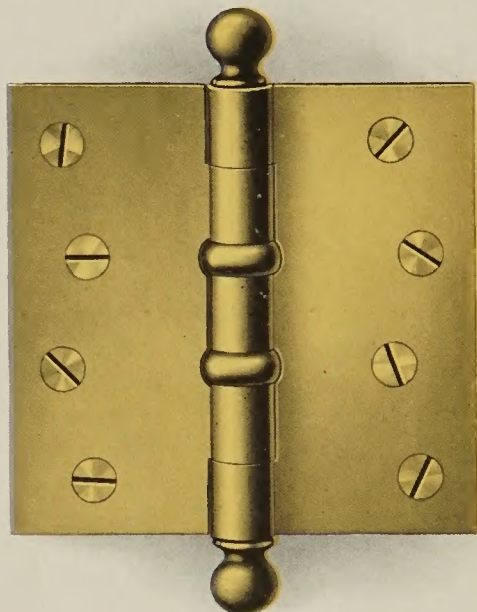
The subject of proper packing has been given especial attention and as a consequence Stanley's Plated Door Butts are all separately wrapped in such a manner that the surfaces cannot be marred. Screws of the proper size and corresponding finish are included with each pair of Butts. This insures the proper hanging of the doors, and is a convenience and saving of expense to both the owner and the builder.

In the succeeding pages a few of the Stanley Butts, and other lines of Wrought Hardware are illustrated and described. They can be purchased through any reliable Hardware Dealer. They are the "Standard" of the Hardware World, and their use will insure the owner of a new building or residence that his doors will be properly hung.

This is printed on Stanley labels and stamped on Stanley Butts. It guarantees their quality and is a protection against the substitution of inferior goods.



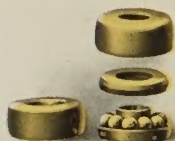
# STANLEY'S BALL BEARING BUTTS Wrought Steel or Bronze



Cut of  $4\frac{1}{2}$  x  $4\frac{1}{2}$  inch  
Ball Bearing Butt.  
Half Size.



The Non - Rising Pin,  
showing the small wings  
which fit into slots in the  
joint and prevent the pin  
from working out of the  
joint.



The Ball Bearing Washer, showing construc-  
tion of the bearings, and the brass dust proof  
cap.



**A** door hung on Stanley's Ball Bearing Butts is properly hung in every respect. Friction is eliminated and the door swings smoothly and softly without creaking or binding.

The Improved Ball Bearing Washers are so constructed that they cannot come apart. Each ball is turned from solid steel, and will carry one thousand pounds without crushing. As the weight of the door is entirely carried on these bearings, it can readily be seen that the Ball Bearing Butts will never wear down or break. The bearings are protected by a brass cap from dust and moisture and the butts consequently never require oiling.

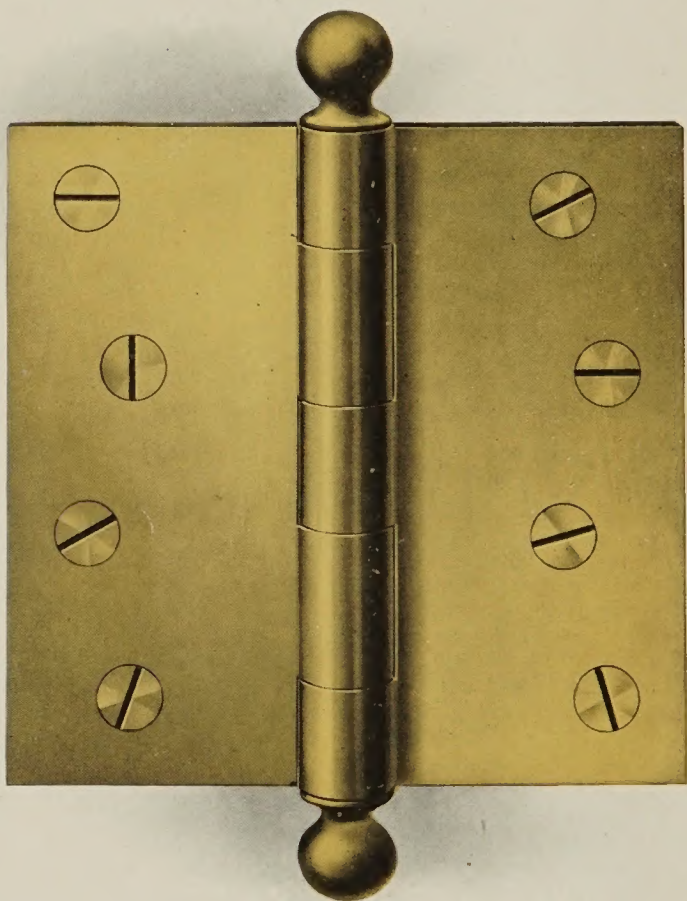
Owing to the increased strength and their everlasting wearing qualities, Stanley's Ball Bearing Butts, while of slightly higher price than ordinary Butts, are more economical in the end, and prevent the annoyance caused by squeaking, binding hinges.

Stanley's Ball Bearing Butts are equipped with patented **Non-rising Loose Pins**. The wings on the pin which fit into corresponding slots in the joint, prevent the pin working up under the action of the door, as so frequently happens with the ordinary loose pins. These pins can be as easily taken out, however, as other loose pins.

Stanley Ball Bearing Butts are made in all sizes and can be supplied in any desired finish. They are made in the following grades:

- No. **180**—WROUGHT BRONZE BALL BEARING BUTTS. Polished. Improved Ball Bearing Washers, Non-Rising Loose Pins and Beveled Joints. This is the ideal Butt for heavy exterior doors.
- No. **BB 239**—WROUGHT STEEL BALL BEARING BUTTS. Improved Washers, Non-Rising Loose Pins and Beveled Joints. These Butts are highly polished and heavily plated, and mark the highest perfection in Wrought Steel Hardware.
- No. **BB 241½**—WROUGHT STEEL BALL BEARING BUTTS. Improved Ball Bearing Washers. Non-Rising Pins. Polished Finish. While these butts are not so highly finished as the No. 239, they are an excellent grade of hardware and will give complete satisfaction.
- No. **BB 241**—WROUGHT STEEL BALL BEARING BUTTS. Improved Ball Bearing Washers. Non-Rising Pins. Planished Finish. These Butts are not of as high a grade as those preceding, but are superior to any other make of Steel Butts.

**STANLEY'S**  
**LOOSE PIN BUTTS**  
**Wrought Steel**  
**With Ball Tips**



Cut of No. 239, 4 x 4 inch,  
About three-fourths size.



**P**ROPERLY hung doors can be obtained with certainty only by specifying the use of Stanley's Butts for your new home or building. Stanley's Wrought Steel and Bronze Loose Pin Butts are used for hanging more doors than all other makes combined. They represent sixty years of continual improvement in design, materials and methods of manufacture and are the accepted Standard of the Hardware and Building Trades. They are made of the best grades of carefully selected, thoroughly tested Wrought Steel and Bronze. Every finished Butt is accurately designed, perfectly constructed and handsomely finished. They are all stamped with the Stanley Trade Mark, which is a guaranty of quality. To prevent the substitution of inferior lines examine the labels and goods for this Trade Mark.

No. 175—WROUGHT BRONZE LOOSE PIN BUTTS. Patented Non-Rising Pins and Ball Tips. Polished Finish. Steel Bushings in the joints to prevent wearing down. The inner leaves are beveled to insure a perfect fitting joint. Stamped with No. 175 in addition to the trade-mark.

No. 239—WROUGHT STEEL LOOSE PIN BUTTS. Non-Rising Pins and Ball Tips highly polished and heavily plated. Inner leaves beveled. These Butts are stamped with No. 239 in addition to the trade-mark.

No. 241½—WROUGHT STEEL LOOSE PIN BUTTS. Ball Tips. Polished Finish.

No. 241—WROUGHT STEEL LOOSE PIN BUTTS. Ball Tips. Planished Finish.

These Butts correspond in finish and workmanship with the Ball Bearing Butts of the same number. The Wrought Steel Butts 3½ inches and larger have five knuckles in the joint, smaller sizes three. Sizes run from 2½ inch x 2½ inch to 8 x 10 inch. All of the popular finishes are regularly made and our plating department can produce any finish desired to match the other hardware.

**STANLEY'S**  
**ORNAMENTAL SURFACE BUTTS**  
**Wrought Steel**



No. 160  
Raised Design



No. 165  
Beveled Edge

The handsome ornamental design of these Hinges possesses the beauty and dignity of simplicity.

In hanging doors it is necessary to mortise the case-ment only, the ornamental surface of the hinges being screwed to the face of the door. This saves both **time** and **labor** with corresponding saving in expense.

These Hinges are reversible, and can be made either right or left hand by unscrewing the ball tip which has a slotted head and screwing the tip in the opposite end of the joint.

They are packed with oval head screws for the orna-mental leaf, which complete the contour of the design, and flat head screws for the flat leaf.

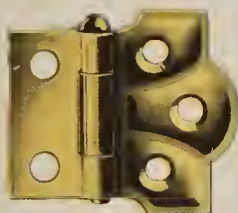
They are made in standard sizes and any desired finish.



**STANLEY'S**  
**ORNAMENTAL HINGES**  
**Wrought Steel and Brass**



No. 1403  
Refrigerator Hinge



No. 1474  
Half Surface Hinge



No. 1430.  
"Butterfly" Pattern Hinge



No. 1478

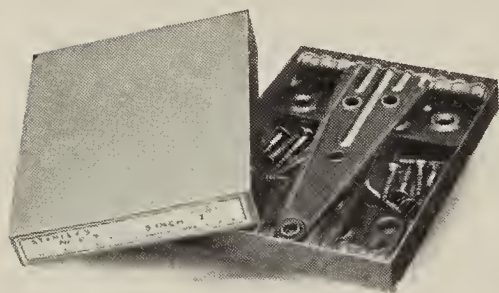


No. 1480

"Lotus" Pattern Hinges

We manufacture a varied line of Wrought Steel and Brass ornamental hinges in a variety of patterns and all the popular finishes. These hinges are useful for cabinets, boxes, refrigerators, small closets, etc. They are well made and beautifully finished and are handsome examples of the metal working art. Practically all reliable Hardware Dealers carry the designs shown and many others in stock. Ask for Stanley's.

## **STANLEY'S STRAP AND T-HINGES**



Packed  
One Pair  
in a  
Box  
With Screws

This is a great convenience to the consumer, as it takes much less time to buy a pair of hinges, and there is no danger of mistakes in the size of hinges or screws.

The Boxes are neat and strong, the Hinges are clean, and the Screws are exactly the right size for each pair of hinges.

## **STANLEY'S CORRUGATED HINGES**

Stronger,  
Lighter in Weight,  
Neater in Appearance  
than the  
Old Style Hinges



The corrugations around the joint prevent the hinges from binding and breaking after they become rusty.

Stanley's Hinges, both plain and corrugated, are made in plain steel, japanned or galvanized finishes, and like Stanley's Butts are the "Standard" Hinges of the Hardware Trade.



# STANLEY'S BOLTS

**The Proper Fastenings for  
Doors and Windows**

## Chain Bolts

Patented.

A strong and easily operated bolt for sheds, barns, store, garage and warehouse doors. Made in Japanned or Plated finishes.



Chain Bolt  
No. 1055

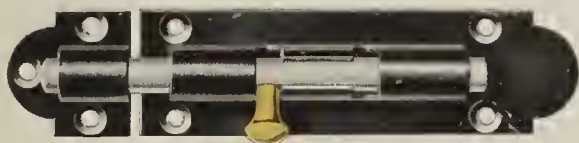
## Cremone Bolts

For casement windows or doors, opening in or out.

The proper bolts for Bungalow windows.



Cremone Bolt  
No. 374



Barrel Bolt. No. 1078

All styles of Barrel Bolts, Square Bolts, Spring Bolts, etc., in both Wrought Steel and Brass, for all kinds of doors.

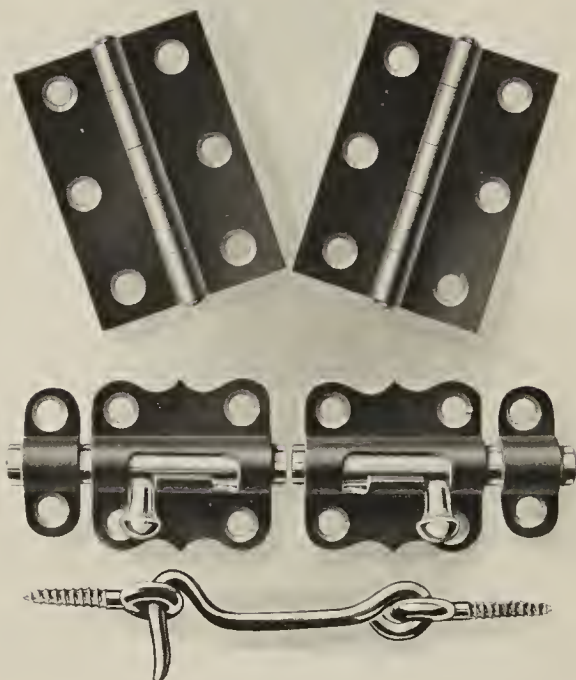
## Automatic Dickey Bolts

Just the bolt for hen house, shed, or coal bin, locks automatically. Can be used outside with padlock.



Automatic Dickey Bolt  
No. 1070. Patented

**STANLEY'S**  
**CELLAR WINDOW SETS**  
**Wrought Steel**



Set No. 1760

Two  $2\frac{1}{2} \times 2\frac{1}{2}$  Narrow Butts

Two  $2\frac{1}{2}$ -inch Bolts

One Gate Hook and Eye

Each set complete in separate box with screws

A convenient package of high grade hardware ready for use.

Cellar Windows can be properly hung and securely fastened by using Stanley's Cellar Window Sets. The two bolts, one for each side of the window, prevent the sash from warping and binding.

Finished in Japan or "Stanley" Sherardized, the new rust proof finish for hardware exposed to damp conditions and liable to rust.



## STANLEY'S SHELF BRACKETS

Special patented designs and the best quality Wrought Steel mean properly supported shelves.

Notice the angle formed wall and shelf plates, and the corrugated brace. These mean greater strength with less metal. Such details as these coupled with the best materials and expert workmanship make "Stanley's" Shelf Brackets superior to all others. Ask for No. 790 in Japanned finish, or No. 490 in Brass, Bronze, Antique Copper or Nickel Plate.



No. 490. Patented.



OPEN



CLOSED

### Folding Bracket

No. 794  
Patented

The shelf can be folded back against the wall quickly and easily. The bracket locks automatically when open.

# STANLEY'S

## SCREEN DOOR HARDWARE

### Wrought Steel

Complete Sets in Convenient Packages



Set No. 1750

**E**ACH set consists of one pair of 3 x 3 Ornamental Wrought Steel Loose Pin Butts, which screw on the surface of the door, one five inch Wrought Steel Pull, one Wire Spring, one Gate Hook and Eye. The No. 3 Spring is of much better quality than is usually furnished with screen door sets.

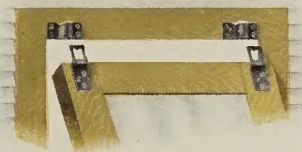
These sets can be furnished in Japan, Antique Copper, Dull Brass or the anti-rust "Stanley" Sherardized finish. Each set is packed complete with screws in a neat box, ready for use.

For outdoor work or damp climates we particularly recommend the "Stanley" Sherardized finish, as it absolutely prevents rust, prolonging the life of the hardware, and at the same time giving a neat, finished appearance.



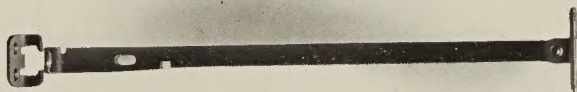
## **“PEERLESS” HANGERS AND FASTENERS**

Solve the problem of properly hanging Storm Sash and Screens.



Stanley's No. 1717  
“Peerless” Storm Sash Fastener

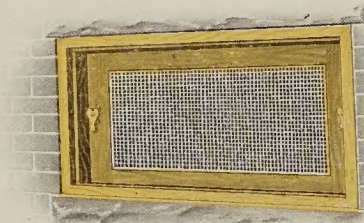
Once applied, neither tools nor ladder are needed to take down or put up the storm sash. Full length screens can be hung on the same hooks.



Stanley's No. 1719  
“Peerless” Storm Sash Fastener



“Stanley's” No. 1726  
“Peerless” Rotary  
Fastener

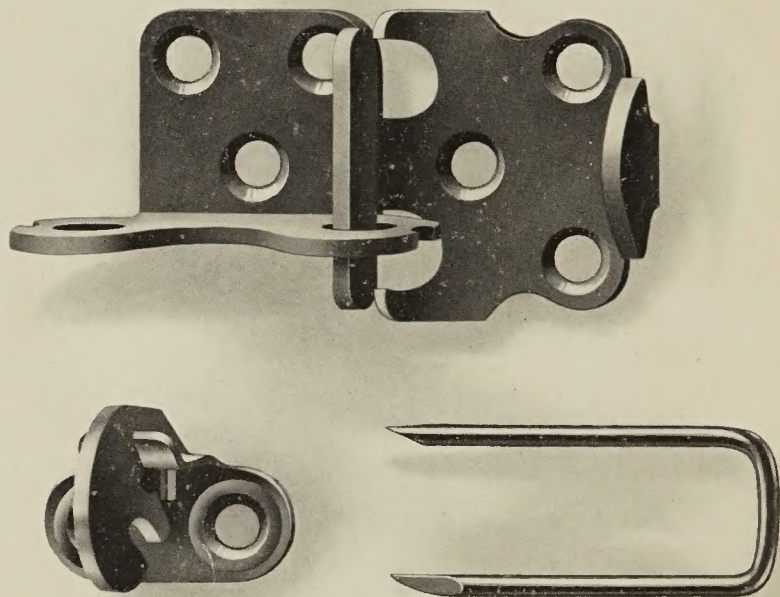


For stationary outside windows, window screens, shutters, cellar window screens, cellar storm sash, outside swinging casement sash, etc.

# STANLEY'S IMPROVED GRAVITY BLIND HINGES

**Wrought Steel**

Patented



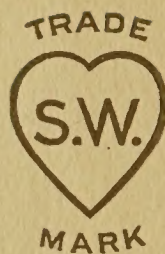
Properly hung blinds are an important detail of the perfect home. Hung on poorly designed, cheaply constructed hinges, blinds will be difficult to open and close, and will rattle and bang in a manner destructive in its effect on the temper of the owner, as well as to the blinds themselves.

These blind hinges operate easily and simply, locking automatically. To close the blind it is only necessary to raise it slightly and swing it around. The top and bottom hinges are exactly alike and can be used on either the right or left hand side.

Finished in plain steel or "Stanley" Sherardized.







**The  
Guaranty  
of  
Quality**